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TITLE: Breast Cancer Biomarkers Based on Nipple and Fine Needle Aspirates

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Breast cancer is the most common cancer and a leading cause of cancer deaths in women in the United States. The purpose of this project is to identify one or more biomarkers which can be used to identify women at highest risk of developing breast cancer before cancer develops. Prior to undergoing breast surgery, women at increased and normal risk of developing breast cancer will undergo fine needle aspiration (FNA) for determining a series of cytologic, cell cycle and molecular biologic markers of clinical significance for cancer development.

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Grant No: DAMD17-98-1-8083

Project Title: Breast Cancer Biomarkers Based on Fine Needle Aspirates

Principal Investigator: Michael H. Torosian, M.D.

Institution: Fox Chase Cancer Center

Introduction: None

Body: Unfortunately, due to the extraordinarily long delay in resolving human subject protocol and approval issues regarding this project, the concept for this study is now obsolete. Therefore, no progress has been made on this project and the unexpended balance of this grant will be returned by Fox Chase Cancer Center.

Key Research Accomplishments: None

Reportable Outcomes & Bibliography of Publications: None

Conclusions: None

Personnel paid from grant: None

References: None

Appendices: None